

**REMARKS**

Claims 1, 3 and 5-8 are pending. By this Amendment, claims 1 and 3 are amended, claims 5-8 are added, and claims 2 and 4 are canceled. No new matter is added by the above amendments.

**I. Formal Matters**

The Examiner is thanked for identifying typographical errors in the specification. Most of the Examiner's suggestions have been adopted. Additional errors have been corrected. Regarding the Examiner's suggestion about page 10, line 13, instead of changing "controlled to" to "controlled by", the phrase has been changed to "controlled to be." In addition, instead of changing "F duty ratio" to "duty ratio", the phrase has been changed to "F duty ratio" to be consistent with other portions of the specification.

Withdrawal of the specification objection is requested.

Applicant respectfully submits that the drawings comply with 37 C.F.R. §1.83(a). Further details on the operations performed by the calculating means (for example, the field current control circuit 130) are shown in Figs. 6 and 7, which provide a flow diagram of the procedures performed by the circuit and a time chart showing operations that correspond to the steps of the Fig. 6 flow diagram. Applicant submits that one having ordinary skill in the art would understand the field current control circuit 130 with reference to Figs. 6 and 7, and would understand that the circuit could be implemented by a programmed microcomputer, for example.

Withdrawal of the drawing objection is requested.

With respect to the objections identified in claims 1 and 4, claim 1 has been amended as suggested by the Examiner, and claim 4 has been canceled. Withdrawal of the claim objection is requested.

**II. All Pending Claims Are Patentable**

Applicant notes with appreciation the identification of allowable subject matter in claim 2. The features previously recited in claim 2 have been placed into claim 1. Thus, claim 1 and its dependent claim 3 are in condition for allowance. In addition, newly-added independent claims 5 and 7 include features similar to those recited in original claim 2. Accordingly, independent claims 5 and 7, along with their dependent claims 6 and 8, also are in condition for allowance.

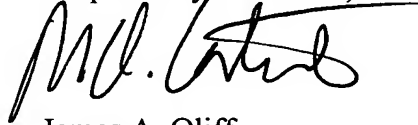
Claims 1, 3 and 4 stand rejected under 35 U.S.C. §102(b) over U.S. Patent No. 6,043,632 to Maehara et al. This rejection is moot in view of the above amendments.

**III. Conclusion**

In view of the foregoing, Applicant respectfully submits that this application is in condition for allowance. Favorable reconsideration and prompt allowance are earnestly solicited.

Should the Examiner believe that anything further would be desirable in order to place this application in even better condition for allowance, the Examiner is invited to contact Applicant's undersigned attorney at the telephone number listed below.

Respectfully submitted,



James A. Oliff  
Registration No. 27,075

Mario A. Costantino  
Registration No. 33,565

JAO:MAC/ccs

Date: July 11, 2006

**OLIFF & BERRIDGE, PLC**  
**P.O. Box 19928**  
**Alexandria, Virginia 22320**  
**Telephone: (703) 836-6400**

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